

Date: Monday, 3/13/2006 7:29:39 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : 5-MAN FACING HARNESS
 Job Number : 26201
 Estimate Number : 12331
 P.O. Number : N/A Part Number : D214702035
 This Issue : 3/13/2006 S.O. No. : N/A Drawing Number : IIN D412-702 REVC
 Prsht Rev. : NC Project Number : N/A
 First Issue : N/A Type : PURCHASED PARTS Drawing Revision : C
 Previous Run : 26193 Material : N/A
 Due Date : 3/30/2006 Qty: 2 Um: Each
 Written By : SEE COMMENT BELOW
 Checked & Approved By : 06.03.13
 Comment : Esat Rev:A New Issue 06-03-10 JLM

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: Photocopy bluefile & type labels per PPPD204-702-035 CHG001

06/03/27

2.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
 Pick Packing Kit

3.0 D3446045 214 harness



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)
 Pick Packing Kit

Qty	Part Number	Description	Batch
5	D3446-045	214 harness	B26202

06/04/03 (2)

4.0 QC4 INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

06/4/03 (2)

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D204-702-035

Location: _____

PPP Rev: A

06/04/03

(2)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: *LD* Date: *26/04/01*

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 3/13/2006 7:29:39 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 5-MAN FACING HARNESS

Job Number: 26201

Part Number: D214702035

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL
Inspection Level 21

 06/04/04 (2)

Job Completion



u 26-4404

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 WEIGHT AND BALANCE

The following is the net weight increase associated with each installation

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-702-011 , Dart 13-Man Shoulder Harness Kit	19.8 lb 9.0 kg	0 in 0 m	0 in lb 0 m kg	126 in 3.20 m	2495 in lb 28.8 m kg
D412-702-013 , Dart 5-Man Shoulder Harness Kit	7.7 lb 3.5 kg	0 in 0 m	0 in lb 0 m kg	129 in 3.28 m	993 in lb 11.5 m kg
D412-702-015 , Dart 4-Man Aft Facing Shoulder Harness Kit	4.5 lb 2.0 kg	0 in 0 m	0 in lb 0 m kg	87 in 2.21 m	392 in lb 4.4 m kg
D412-702-017 , Dart 4-Man Side Facing Shoulder Harness Kit	7.6 lb 3.5 kg	0 in 0 m	0 in lb 0 m kg	147 in 3.73 m	1117 in lb 13.1 m kg
D412-702-021 , Dart 13-Man Shoulder Harness Kit, 4-point	23.6 lb 10.7 kg	0 in 0 m	0 in lb 0 m kg	126 in 3.20 m	2974 in lb 34.2 m kg
D412-702-023 , Dart 5-Man Shoulder Harness Kit, 4-point	9.3 lb 4.2 kg	0 in 0 m	0 in lb 0 m kg	129 in 3.28 m	1200 in lb 13.8 m kg
D412-702-025 , Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point	5.4 lb 2.5 kg	0 in 0 m	0 in lb 0 m kg	87 in 2.21 m	470 in lb 5.5 m kg
D412-702-027 , Dart 4-Man Side Facing Shoulder Harness Kit, 4-point	8.9 lb 4.0 kg	0 in 0 m	0 in lb 0 m kg	147 in 3.73 m	1308 in lb 14.9 m kg
D214-702-035 , Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1	5.6 lb 2.5 kg	0 in 0 m	0 in lb 0 m kg	87 in 2.21 m	487 in lb 5.5 m kg

5.0 PARTS LISTS

SHOULDER HARNESS KITS WITH LOOPED ENDS (NOT 4-POINT RELEASE)

QTY -011	QTY -013	QTY -015	QTY -017	Part Number	Description
X				D412-702-011	Dart 13-Man Shoulder Harness Kit
	X			D412-702-013	Dart 5-Man Shoulder Harness Kit
		X		D412-702-015	Dart 4-Man Aft Facing Shoulder Harness Kit
			X	D412-702-017	Dart 4-Man Side Facing Shoulder Harness Kit
2	2			D3195-041	Bracket
2	2			D3195-043	Bracket
1	1			D3196-1	Bar
1			1	D3196-3	Bar
1			1	D3196-4	Bar
2	2			D3197-041	Bar
4		4		D3198-1	Fitting
18	10		8	D3215-041	Harness Assembly
4		4		D3215-043	Harness Assembly
2	2			D3268-1	Placard
4		4		AN4-5A	Bolt
4	4			AN4-13A	Bolt
8		8		AN4-20A	Bolt
20		20		AN960JD416	Washer
12		12		MS21042L4	Nut (or MS21042-4)
8	2		6	MS24694-S152	Screw

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ENGINEERING
UNCONTROLLED COPY
Revision: 0
Date: 06/03/07
SUBJECT TO AMENDMENT
NOTICE
WORK ORDER
NO. 26201

SHOULDER HARNESS KITS WITH 4-POINT RELEASE

QTY -021	QTY -023	QTY -025	QTY -027	Part Number	Description
X				D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X			D412-702-023	Dart 5-Man Shoulder Harness Kit, 4-point
		X		D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X	D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
2	2			D3195-041	Bracket
2	2			D3195-043	Bracket
1	1			D3196-1	Bar
1			1	D3196-3	Bar
1			1	D3196-4	Bar
2	2			D3197-041	Bar
4		4		D3198-1	Fitting
9	5		4	D3446-041	Harness Assembly, 4 point
4		4		D3446-043	Harness Assembly, 4 point
2	2			D3268-1	Placard
4		4		AN4-5A	Bolt
4	4			AN4-13A	Bolt
8		8		AN4-20A	Bolt
20		20		AN960JD416	Washer
12		12		MS21042L4	Nut (or MS21042-4)
8	2		6	MS24694-S152	Screw

BELL 214B / 214B-1 SHOULDER HARNESS KIT WITH 4-POINT RELEASE

QTY -035	Part Number	Description
X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
5	D3446-045	Harness Assembly, 4 point

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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 26201

Date: Thursday, 28/09/2006 2:25:22 PM
 User: Linda Lacelle

Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D412-702
Job Number	: 28754		
Estimate Number	: 10804		
P.O. Number	: <i>N/A</i>	Part Number	: Z_CUSTOM <i>ECN 880 Attached</i>
This Issue	: 28/09/2006 S.O. No. : <i>N/A</i>	Drawing Number	: UPDATE PER DSI 9351A
Prsht Rev.	: NC	Project Number	: <i>N/A</i>
First Issue	: <i>N/A</i> Type : OVERHEAD	Drawing Revision	: <i>N/A</i>
Previous Run	: 00015	Material	: <i>N/A</i>
Written By	: _____	Due Date	: 05/10/2006 Qty: 20 Um: Each
Checked & Approved By	: <i>[Signature]</i>		
Comment	: _____		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

REMOVE KITS FROM STOCK:

1 D412-702-011 B *PAS 1 Review*

D412-702-013 B

D412-702-015 B

D412-702-017 B

4 D412-702-021 B *B26883 3X B25853*5 D412-702-023 B *28765 2X B26017 3X*✓ D412-702-025 B *26075 2X B25444 1X B25766 1X B27249 2X ⑥*D412-702-027 B *Q*~~D412-702-031 B~~*035 B 26201 2 ①*~~D412-702-033 B~~

2.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

ADD TO KITS IN STOCK

NEW PAPERWORK

DSI 9351-A

[Signature]
[Signature]

Date: Thursday, 28/09/2006 2:25:22 PM
User: Linda Lacelle

Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D412-702

Job Number: 28754

Part Number: Z_CUSTOM

Job Number:



Seq. #:

Machine Or Operation:

Description :

3.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

ADD TO KITS AS FOLLOWS:

FOR D412-702-011/-021

ADD DSI 9351-011 B ~~Q226853~~ 3x ~~Q25853~~ 1x

FOR D412-702-013/-023

ADD DSI 9351-013 B

FOR D412-702-035/-026201

ADD DSI 9351-015 B

FOR D412-702-045/-047/0250027

ADD DSI 9351-017 B

4.0

DSI9351011

13-MAN UPGRADE KIT



Comment: Qty.: 0.0000 Each(s)/Unit Total: 0.0000 Each(s)

13-MAN UPGRADE KIT

28755

5.0

DSI9351013

5-MAN UPGRADE KIT



Comment: Qty.: 0.0000 Each(s)/Unit Total: 0.0000 Each(s)

5-MAN UPGRADE KIT

28756

6.0

DSI9351015

5-MAN UPGRADE KIT



Comment: Qty.: 0.0000 (s)/Unit Total: 0.0000 (s)

5-MAN UPGRADE KIT

78806

7.0

DSI9351017

4-MAN UPGRADE KIT



Comment: Qty.: 0.0000 (s)/Unit Total: 0.0000 (s)

4-MAN UPGRADE KIT

28757

8.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

11 26.10.25

Date: Thursday, 28/09/2006 2:25:22 PM
User: Linda Lacelle

Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D412-702

Job Number: 28754

Part Number: Z_CUSTOM

Job Number:



Seq. #:

Machine Or Operation:

Description :

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
REPACKAGE PER PPP

Handwritten notes:
4/15/25 added per [unclear]
to base

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Handwritten: ID 06/18/26

Job Completion



Handwritten: 06-10-26

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No: Y	ECN #: 850
Date: 06.09.22	ADR Date: 06.09.15		
Job No: 00064	Created By: LE	Checked By:	
Product No: D412-702	Approved By:	Approved By:	
Product Name: SHOULDER HARNESS KITS	(Proj. Manager)	(Management if reqd)	

Documents Affected:

RELEASE DSI 9351-A, D3551-A AND D3546-A.

#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?		X			
2	Update Blue/Pink Folder/Electronic File	X		KJ/LE		06.09.26 KJ
3	Update DSI Folder/Electronic File	X		KJ/LE		06.09.26 KJ
4	Update D-Part Master Binder	X		KJ		06.09.26 KJ
5	Update Grey Project Binder	X		KJ/LE		06.09.26 KJ
6	Update DEO/DSI Binder	X		KJ		06.09.26 KJ
7	Update Master Document List (MDL)	X		KJ		06.09.26 KJ
8	Update Document Record (DR)	X		KJ		06.09.26 KJ
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ		06.09.26 KJ
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ		06.09.26 KJ
16	Update Access Database	X		KJ		06.09.26 KJ
17	Verification ARC		X			
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		JLM/EC		
21	Create/Update PPP's	X		KJ		06.09.26 KJ
22	Update Paperwork Kits in Production	X		KJ		
23	Update Paperwork Kits in Stock	X		KJ		
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production	X		JLM		
26	Rework/Scrap Kits in Stock?	X		JLM		
27	Update Qpulse/Laminated Dwgs		X			
28	Create/Update Controlled PDF Files	X		KJ		06.09.26 KJ
29	Create/Update FAI sheets	X		JLM		
30	Create/Update CNC Programs	X		JLM/EC		
31	Create/Update Tooling		X			011 → 1 IN STOCK
32	MPP required?		X			013 → ∅
33	Notify Previous Customers	X		BB/PM/JL		015 → ∅
34	Notify Eurocopter France		X			017 → ∅
35						021 → 4 IN STOCK
36						023 → 5 IN STOCK

Description / Action:

Proceed as indicated above.

- DSI 9351-011/013/015/017 @ CHG 001

- NO CHANGE TO CHG # FOR 9-DIGIT PER SERGE SHAHBAZIAN

025 → 6 IN STOCK
027 → ∅
031 → 3 IN STOCK
033 → 1 IN STOCK
035 → 1 IN STOCK

ECN Complete: _____